

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, Southwest</b>				
<b>SHELBY COUNTY --- 1.7 ESE IRWIN [41.79, -95.17]</b>				
	05/05/07 05:27 CST		0	Heavy Rain
	05/06/07 05:27 CST		0	Source: COOP Observer
The cooperative observer near Irwin reported a 24 hour rainfall amount of 4.55 inches.				
<b>HARRISON COUNTY --- 0.7 S MONDAMIN [41.71, -96.02]</b>				
	05/05/07 09:40 CST		0	Heavy Rain
	05/05/07 10:03 CST		0	Source: Public
The public reported some minor flooding due to 1.7 inches of rain that fell in 20 minutes.				
<b>MONONA COUNTY --- 1.5 SSW RODNEY [42.20, -95.99]</b>				
	05/05/07 09:57 CST		0	Hail (0.75 in)
	05/05/07 09:57 CST		0	Source: Public
<b>FREMONT COUNTY --- 1.1 W THURMAN [40.82, -95.75]</b>				
	05/05/07 17:45 CST		0	Hail (0.88 in)
	05/05/07 17:45 CST		0	Source: Fire Department/Rescue
<b>MILLS COUNTY --- 5.0 S GLENWOOD [40.98, -95.77], 1.0 S GLENWOOD [41.04, -95.77]</b>				
	05/05/07 18:09 CST		0	Tornado (EF0, L: 4.00 mi , W: 80 yd)
	05/05/07 18:16 CST		0	Source: Trained Spotter
A tornado tracked south of Glenwood for about 4 miles according to storm spotters that followed it. The tornado remained in open fields, and did little if any apparent damage.				
<b>MILLS COUNTY --- 1.6 E GLENWOOD [41.05, -95.74]</b>				
	05/05/07 18:30 CST		0	Heavy Rain
	05/06/07 00:52 CST		0	Source: COOP Observer
The cooperative observer in Glenwood measured 3.7 inches of rain from 730 pm until a little after midnight cdt.				
<b>FREMONT COUNTY --- 2.0 NE FARRAGUT [40.74, -95.44], 2.0 NE IMOGENE [40.90, -95.40]</b>				
	05/05/07 18:50 CST		0	Tornado (EF1, L: 11.26 mi , W: 200 yd)
	05/05/07 19:09 CST		0	Source: Trained Spotter
The tornado damaged or destroyed trees in its nearly 12 mile path along with some grain bins, sheds and barns. The tornado crossed into extreme southeast Mills county near Highway 59 northeast of Imogene before lifting about a half mile into that county. Most of the damage was done in Fremont county.				
<b>HARRISON COUNTY --- 3.0 NNW RIVER SIOUX [41.84, -96.07]</b>				
	05/05/07 19:00 CST		0	Hail (0.88 in)
	05/05/07 19:00 CST		0	Source: COOP Observer
<b>MILLS COUNTY --- 4.0 SE STRAHAN [40.91, -95.47], 3.5 SE STRAHAN [40.91, -95.47]</b>				
	05/05/07 19:09 CST		0	Tornado (EF0, L: 0.50 mi , W: 200 yd)
	05/05/07 19:11 CST		0	Source: NWS Storm Survey
This tornado continued from Fremont county where it blew down grain bins, sheds and barns and destroyed trees. The track in Mills county was about 1/2 mile long and most of the damage was done in Fremont county. The tornado crossed into Mills county near Highway 59 northeast of Imogene.				
<b>MONONA COUNTY --- 4.0 N BLENCOE [41.99, -96.08]</b>				
	05/05/07 19:20 CST		0	Hail (1.00 in)
	05/05/07 19:20 CST		0	Source: Law Enforcement
<b>MONTGOMERY COUNTY --- 5.0 WNW RED OAK [41.05, -95.32], 9.0 NW RED OAK [41.11, -95.35]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/07 19:40 CST		0	Tornado (EF2, L: 4.78 mi , W: 400 yd)
	05/05/07 19:46 CST		0	Source: Fire Department/Rescue

This tornado tore the roof off of a house , destroyed a barn, downed trees and power poles and tossed cars into a field. Most of the damage was in Montgomery county, east of Henderson (which is in Mills county). The tornado crossed into Pottawattamie county about 4 miles southeast of Macedonia. The total path length was around 11.5 miles.

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### MONONA COUNTY --- 0.5 E ONAWA [42.03, -96.09]

05/05/07 19:45 CST	40K	Thunderstorm Wind (EG 60 kt)
05/05/07 19:45 CST	0	Source: Emergency Manager

Thunderstorm wind gusts estimated at over 60 mph caused roof damage to a business by displacing large air-conditioning units. The winds also blew the roof canopy off of a truck stop into cars in a parking lot.

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### POTTAWATTAMIE COUNTY --- 4.0 SE MACEDONIA [41.16, -95.38], 5.5 NE MACEDONIA [41.26, -95.36]

05/05/07 19:46 CST	0	Tornado (EF2, L: 6.80 mi , W: 400 yd)
05/05/07 19:52 CST	0	Source: NWS Storm Survey

This tornado crossed into Pottawattamie county from Montgomery county about 4 miles southeast of Macedonia. The total path length was around 11.5 miles. Although over half of it was in Pottawattamie county, most of the damage was done in Montgomery county where a roof was torn off of a house , barns were destroyed and cars were tossed into a field.

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### POTTAWATTAMIE COUNTY --- 1.0 SE OAKLAND [41.31, -95.39], 3.5 NE OAKLAND [41.36, -95.35]

05/05/07 20:00 CST	0	Tornado (EF1, L: 3.64 mi , W: 200 yd)
05/05/07 20:06 CST	0	Source: NWS Storm Survey

This tornado damaged trees and destroyed barns and sheds in its path. Some power poles were also downed.

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### POTTAWATTAMIE COUNTY --- 7.3 E OAKLAND [41.31, -95.26]

05/05/07 20:09 CST	0	Hail (0.75 in)
05/05/07 20:09 CST	0	Source: Trained Spotter

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### MONONA COUNTY --- 0.5 E ONAWA [42.03, -96.09]

05/05/07 20:15 CST	1.44M	Flash Flood (due to Heavy Rain)
05/05/07 23:15 CST	0	Source: Law Enforcement

Rainfall of 3 to 4 inches produce flash flooding of streets in Onawa. Other creeks across the county flooded county roads causing road, bridge and levee damage.

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### POTTAWATTAMIE COUNTY --- 0.1 NNW COUNCIL BLUFFS [41.27, -95.87]

05/05/07 21:22 CST	0	Hail (0.75 in)
05/05/07 21:22 CST	0	Source: Trained Spotter

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### HARRISON COUNTY --- 0.7 S MISSOURI VLY [41.56, -95.90]

05/05/07 22:28 CST	15M	Flash Flood (due to Dam / Levee Break)
05/06/07 04:30 CST	0	Source: Law Enforcement

Rainfall of 5 inches fell across the Missouri Valley area Saturday May 5th prompting the levee along Willow Creek to eventually fail causing substantial flash flooding in and around the Missouri Valley area .

Initially flash flooding was observed due to the heavy rain Saturday evening the 5th near Highway 30 and county road 66. The levee failure caused more substantial flash flooding early Sunday the 6th with many residents barely able to escape the rising flood waters. The area most affected was the southwest part of town, which sat below the bluffs where most of the town is located . At least 77 homes and 6 businesses were flooded and declared an almost complete loss. Many vehicles were also flooded or severely damaged. Interstate 29 was closed for a while near town, along with Highway 30 and other local roads. The high water continued in the area well into the following week. It was estimated that road repair alone would cost several million dollars. Although homes in the higher sections of town escaped flood waters from the levee break, many sustained damage due to flooded basements, mudslides or basement walls caving in. The flooding prompted schools to be closed on Monday May 7th.

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### PAGE COUNTY --- 4.0 SE SHAMBAUGH [40.61, -94.98]

05/06/07 00:58 CST	0	Hail (1.00 in)
05/06/07 00:58 CST	0	Source: Public

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### MONTGOMERY COUNTY --- 4.3 SW STANTON [40.94, -95.18], 3.3 ENE STANTON [41.00, -95.06]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/06/07 01:21 CST		0	Tornado (EF1, L: 7.36 mi , W: 300 yd)
	05/06/07 01:31 CST		0	Source: Law Enforcement

A tornado that was on the ground for nearly 8 miles caused damage to farm outbuildings and trees along its path.

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### MILLS COUNTY --- GLENWOOD [41.05, -95.77]

05/06/07 02:00 CST	2.50M	Flash Flood (due to Heavy Rain)
05/06/07 04:00 CST	0	Source: Newspaper

Rainfall of 3 to 4 inches fell across the Glenwood area which caused Keg Creek to flash flood across parts of town. The flooding prompted emergency management crews to go door-to-door to alert residents about the impending flood, although no mandatory evacuations were required. Flooding along Keg Creek, other small creeks across the county and the West Nishnabotna River caused over 2 million dollars worth of damage to roads and bridges and for debris removal.

A warm front that was along the Kansas and Nebraska border early Saturday morning May 5th, lifted north during the day bringing widespread heavy rain and severe weather, including tornadoes, to eastern Nebraska and southwest Iowa. The warm front was part of a large upper level system that brought several days of severe weather and flooding to the region.

Heavy rain and flooding was reported with some of the activity Saturday morning, along with isolated severe thunderstorm reports. However, during the afternoon the severe weather became more widespread over northeast Nebraska where supercells spawned several tornadoes. At this time, thunderstorms, some severe with heavy rain, produced flash flooding over parts of southeast Nebraska. By evening much of the severe weather, including supercell producing tornadoes, shifted into southwest Iowa, although isolated severe thunderstorms persisted over parts of eastern Nebraska until after midnight CDT.



*Tornado damage in northwest Montgomery county. Photo NWS/Valley.*

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREMONT COUNTY --- 2.0 NNW RANDOLPH [40.90, -95.58], 3.0 NE HAMBURG [40.63, -95.61]</b>				
	05/06/07 03:30 CST		0	Flood (due to Heavy Rain)
	05/08/07 20:30 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the West Nishnabotna River to flood across Fremont county. The West Nishnabotna River at Randolph crested a little over 24 feet for around 10 hours from a little after midnight until late morning on the 7th. Flood stage is 19 feet. The river at Randolph first crossed flood stage around 330 am cdt on the 6th and didn't drop below flood stage until the evening on the 8th. The flooding affected farmland and many county roads in the area.				
<b>FREMONT COUNTY --- 3.0 NE RIVERTON [40.71, -95.53], 1.0 SE HAMBURG [40.59, -95.64]</b>				
	05/06/07 04:15 CST		0.50M	Flood (due to Heavy Rain)
	05/15/07 06:15 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the Nishnabotna River to flood across Fremont county. The Nishnabotna River at Hamburg reached a prolonged crest of around 32.4 feet between 715 pm and 1145 pm on May 8th. Flood stage is 23 feet. The river at Hamburg first crossed flood stage around 6 am CDT on May 6th and didn't drop below flood stage until around 7 am on May 15th. The flooding closed Interstate 29 for a while and an agricultural levee broke south of town sending significant amounts of water across agricultural bottom lands and county roads in the region early May 7th. Flooding was also observed along the East Nishnabotna River northeast of Riverton to it's merger with the West Nishnabotna near Riverton where it forms the Nishnabotna that passes near Hamburg. Some home damage and county roads closures were reported in the area due to flood waters.				
<b>HARRISON COUNTY --- MISSOURI VLY [41.57, -95.90], 1.0 SW MISSOURI VLY [41.56, -95.91]</b>				
	05/06/07 04:30 CST		0	Flood (due to Heavy Rain)
	05/15/07 17:00 CST		0	Source: Official NWS Observations
A combination of water from Willow Creek due to a failed levee and high water from the Boyer River caused a prolonged period of extensive flooding in the southwest sections of the Missouri Valley area. The flooding was due to rainfall of 5 to nearly 8 inches that fell over the weekend of May 4th through the 6th. Logan reported nearly 8 inches from this event. The area most affected was the southwest part of town, which sat below the bluffs where most of the town is located. At least 77 homes and 6 businesses were flooded and declared an almost complete loss. Many vehicles were also flooded or severely damaged. Interstate 29 was closed for a while near town, along with Highway 30 and other local roads. The high water continued in the area for over one week. It was estimated that road repair alone would cost several million dollars. Although homes in the higher sections of town escaped flood waters from the levee break, many sustained damage due to flooded basements, mudslides or basement walls caving in. The flooding prompted schools to be closed on Monday May 7th.				
<b>MONTGOMERY COUNTY --- ELLIOTT [41.15, -95.17], 1.0 SW COBURG [40.91, -95.29]</b>				
	05/06/07 04:45 CST		0.15M	Flood (due to Heavy Rain)
	05/08/07 09:30 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the East Nishnabotna River to flood across Montgomery county. The flooding closed Highway 34 near Red Oak for a while on Monday May 7th. The East Nishnabotna River at Red Oak crested around 26.4 feet about 9 am cdt on May 7th. Flood stage is 18 feet. The river at Red Oak first crossed flood stage around 6 am cdt May 6th and didn't drop below flood stage until late morning on the 8th. Besides the flood waters closing Highway 34 near Red Oak, Highway 48 around Elliott was also closed due to flooding. In addition, farmland and many county roads in the area were flooded from around Elliott through Red Oak and toward Coburg. It was estimated that damage to county roads alone amounted to \$150,000.				
<b>MILLS COUNTY --- HENDERSON [41.13, -95.45], 8.0 SW STRAHAN [40.87, -95.63]</b>				
	05/06/07 05:00 CST		20K	Flood (due to Heavy Rain)
	05/07/07 12:00 CST		0	Source: Newspaper
Heavy rainfall over the weekend of May 4th through the 6th, caused the West Nishnabotna River and its tributaries to flood several county roads in Mills county prompting their closure. See Pottawattamie county for specifics of the West Nishnabotna River at Hancock.				
<b>PAGE COUNTY --- 7.0 NE SHENANDOAH [40.84, -95.28], SHENANDOAH [40.77, -95.37]</b>				
	05/06/07 05:00 CST		0.93M	Flood (due to Heavy Rain)
	05/08/07 08:00 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the the East Nishnabotna River to flood around the Shenandoah area. Flood waters inundated 45 trailers and some vehicles near town and caused the closure of Highways 59, 48 and old Highway 2. Most if not all main east to west county roads across the county were closed due to flood waters. See Montgomery county for river levels of the East Nishnabotna River at Red Oak. Flooding along the East Nishnabotna River, the Nodaway River and other smaller streams caused almost 1 million dollars worth of damage to county roads and bridges.				

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<b>POTTAWATTAMIE COUNTY --- 2.0 NW AVOCA [41.50, -95.38], 2.0 SW MACEDONIA [41.18, -95.46]</b>				
	05/06/07 05:00 CST		1.56M	Flood (due to Heavy Rain)
	05/07/07 12:00 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the West Nishnabotna River to flood across Pottawattamie county. The West Nishnabotna River at Hancock crested around 20.5 feet between 1130 pm and midnight May 6th. Flood stage is 14 feet. The river at Hancock first crossed flood stage around 6 am cdt May 6th and didn't drop below flood stage until around 1 pm cdt on the 7th. The flooding affected farmland and many county roads in the area from around Avoca through Hancock. Some homes were also damaged.				
<b>HARRISON COUNTY --- DUNLAP [41.85, -95.60], MISSOURI VLY [41.57, -95.90]</b>				
	05/06/07 09:00 CST		0	Flood (due to Heavy Rain)
	05/06/07 17:00 CST		0	Source: Official NWS Observations
Rainfall of 5 to 8 inches fell over much of Harrison county over the weekend of May 4th through the 6th. Logan reported nearly 8 inches from this event. The heavy rain caused the Boyer River to flood on May 6th. The Boyer River at Logan reached a crest just above 21 feet around 115 pm cdt May 6th, flood stage is 19 feet. The river at Logan was above flood stage from 1000 am until around 6 pm on May 6th.				
<b>PAGE COUNTY --- CLARINDA [40.73, -95.03], BRADYVILLE [40.57, -95.03]</b>				
	05/06/07 14:00 CST		0.93M	Flood (due to Heavy Rain)
	05/06/07 15:30 CST		0	Source: Official NWS Observations
Heavy rainfall over the weekend of May 4th through the 6th, caused the Nodaway River to briefly surpass it's 19 foot flood stage near Clarinda during the mid afternoon hours on May 6th. The river crested around 19.2 feet at 345 pm on the 6th. After falling a little below flood stage an hour later, the Nodaway River remained high for an additional 24 to 36 hours. Flood damage from the Nodaway River, the East Nishnabotna River and other small tributaries amounted to almost 1 million dollars.				
<b>MONONA COUNTY --- 5.0 N TURIN [42.09, -95.97], 11.0 S TURIN [41.86, -95.97]</b>				
	05/06/07 18:45 CST		0	Flood (due to Heavy Rain)
	05/08/07 20:00 CST		0	Source: Official NWS Observations
Heavy rainfall of 5 to 7 inches over the weekend of May 4th through the 6th, Onawa reported 6.32 inches from this event, caused the Little Sioux River to flood from May 6th through the 8th. The Little Sioux River near Turin reached a crest of just under 23 feet around 1115 am cdt on May 7th, flood stage is 20 feet. The river near Turin was above flood stage from 745 pm on the 6th until 9 pm on the 8th.				
<b>MONTGOMERY COUNTY --- RED OAK [41.02, -95.23]</b>				
	05/07/07 00:00 CST		1.13M	Flash Flood (due to Heavy Rain)
	05/07/07 04:00 CST		0	Source: Newspaper
Heavy rain for the second consecutive night caused flash flooding along Red Oak Creek in Red Oak as the creek backed up because of high flows on the East Nishnabotna River. Authorities attempted to evacuate nearly 1,600 people, beginning around 300 am local time, although not every attempt was successful. The water caused extensive damage to many basements in town, but no serious injuries were reported. In total an estimated 50 homes were damaged by flooding.				
Rainfall of 4 to 8 inches fell over much of eastern Nebraska and southwest Iowa over the weekend of May 4th, 5th and 6th, 2007. Besides causing localized flash flooding, the heavy rain also produced areas of prolonged river and creek flooding over the region.				
Heavier 96 hour rain amounts ending Monday morning included...				
Across eastern Nebraska...				
7.46 inches at Omaha Eppeley, 7.15 in Falls City, 6.91 at Bellevue, 5.03 in Syracuse, 4.94 at Auburn, 4.90 in Lincoln, 4.88 at Plattsmouth, 4.55 at Fairbury and 4.39 at the NWS in Valley.				
Over western Iowa...				
7.98 inches at Logan, 7.87 in Randolph, 7.52 in Shenandoah, 6.96 at Red Oak, 6.36 at Sidney, 6.32 in Onawa, 6.11 at Clarinda, 6.10 at Harlan and 6.04 at Oakland.				

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*Flooding along the East Nishnabotna River northeast of Riverton. Photo courtesy of Bryce Anderson.*

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### FREMONT COUNTY --- 3.8 SW SIDNEY [40.71, -95.70]

05/23/07 13:43 CST	0	Hail (0.75 in)
05/23/07 13:43 CST	0	Source: Trained Spotter

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### MONTGOMERY COUNTY --- RED OAK [41.02, -95.23]

05/23/07 14:10 CST	0	Hail (1.00 in)
05/23/07 14:14 CST	0	Source: Public

Hail up to 1 inch in diameter fell for several minutes in the Red Oak area.

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### PAGE COUNTY --- SHENANDOAH [40.77, -95.37]

05/23/07 14:20 CST	0	Hail (1.50 in)
05/23/07 14:20 CST	0	Source: Law Enforcement

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### MONTGOMERY COUNTY --- 3.0 N STANTON [41.02, -95.12], 5.0 NE STANTON [41.03, -95.05]

05/23/07 14:40 CST	0	Hail (0.75 in)
05/23/07 14:50 CST	0	Source: Public

Hail around 3/4 inches in diameter was reported from just north through northeast of Stanton.

Severe thunderstorms developed along a cold front over southeast Nebraska and southwest Iowa. The severe reports generally consisted of large hail.

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<b>PAGE COUNTY --- ELLIOTT [41.15, -95.17], COBURG [40.92, -95.28]</b>				
	05/24/07 07:00 CST		0	Flood (due to Heavy Rain)
	05/25/07 09:30 CST		0	Source: Official NWS Observations
<p>Rainfall of 2 to 4 inches fell across much of the lower Nodaway River basin from late on May 23rd until early on the 24th. Clarinda reported 2.6 inches for the 24 hour total ending Thursday morning the 24th. The heavy rain caused the Nodaway River to flood. The river at Clarinda reached 23.8 feet a little after midnight CDT May 25th, flood stage is 19 feet. The Nodaway River was above flood stage at Clarinda from around 8 am on May 24th until 1030 am on the 25th.</p> <p>The high water closed a few county roads...especially around Braddyville and Shambaugh. Some farmland along the river was also flooded.</p>				
<b>MONTGOMERY COUNTY --- ELLIOTT [41.15, -95.17], COBURG [40.92, -95.28]</b>				
	05/24/07 16:30 CST		0	Flood (due to Heavy Rain)
	05/25/07 04:45 CST		0	Source: Official NWS Observations
<p>Rainfall of 3 to 4 inches fell across much of the lower East Nishnabotna River basin from late on May 23rd until early on the 24th. Red Oak reported a little over 4 inches for a 24 hour total ending Thursday morning the 24th. The heavy rain caused the East Nishnabotna River to flood. The river at Red Oak reached a 19.7 foot crest at 1215 am CDT on May 25th, flood stage is 18 feet. The river at Red Oak was above flood stage from 530 pm on the 24th until 545 am on the 25th. Mainly just agricultural lowlands and a few county roads were flooded.</p>				
<b>FREMONT COUNTY --- 5.0 NE FARRAGUT [40.77, -95.40], HAMBURG [40.60, -95.65]</b>				
	05/25/07 14:15 CST		0	Flood (due to Heavy Rain)
	05/27/07 21:45 CST		0	Source: Official NWS Observations
<p>Rainfall of 2 to 4 inches fell across much of the lower Nishnabotna River basin from late on May 23rd until early on the 24th. Sidney reported a little over 2 inches for the 24 hour total ending Thursday morning the 24th, with heavier amounts observed just to the northeast. The heavy rain caused the Nishnabotna River to flood across Fremont county. The river at Hamburg reached a crest just under 24 feet from around 6 am CDT through 1 pm on May 26th before gradually beginning to fall. Flood stage is 23 feet. The Nishnabotna River at Hamburg was above flood stage from around 315 pm CDT on May 25th until around 1045 pm on the 27th. The high water flooded some farmland along the river.</p> <p><b>For the second time in May heavy rain fell across southwest Iowa with amounts of 2 to 4 inches common. The rain developed along and northwest of a slow moving cold front that touched off a few severe thunderstorms the evening of the 23rd.</b></p>				
<b>HARRISON COUNTY --- 9.0 W DUNLAP [41.85, -95.77]</b>				
	05/31/07 16:35 CST		0	Hail (0.75 in)
	05/31/07 16:35 CST		0	Source: Public
<b>MONONA COUNTY --- 5.0 SE MOORHEAD [41.88, -95.80]</b>				
	05/31/07 16:45 CST		0	Hail (0.75 in)
	05/31/07 16:45 CST		0	Source: Public
<p><b>A closed upper low pressure system over the Dakotas combined with a band of moisture and instability over eastern Nebraska and southwest Iowa to produce several severe thunderstorms. The storms mainly produced marginally severe size hail in western Iowa.</b></p>				
<b>NEBRASKA, East</b>				
<b>DOUGLAS COUNTY --- VALLEY [41.32, -96.35], (OMA)EPPLEY FLD OMAH [41.30, -95.90]</b>				
	05/04/07 01:00 CST		1M	Heavy Rain
	05/07/07 03:00 CST		0	Source: Official NWS Observations
<p>Record heavy rain fell over most of Douglas county from Friday May 4th through late Sunday night May 6th. Eppley airfield measured 7.46 inches while 4.39 inches was recorded at the NWS office in Valley. The heavy rain caused widespread ponding of water throughout Douglas county and caused some sewers to backup across the Omaha area. Most of the streets that were flooded because of the backed up sewers were in the older eastern sections of the city. Many basements were also flooded throughout town. In addition, 100 vehicles were flooded at the Eppley Airport north long-term parking lot due to backed up storm drains.</p>				
<b>SARPY COUNTY --- BELLEVUE [41.12, -95.90], (OFF)OFFUTT AFB [41.12, -95.92]</b>				
	05/04/07 01:00 CST		0	Heavy Rain
	05/07/07 03:00 CST		0	Source: Newspaper

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<p>Rainfall of around 7 to 7.5 inches fell from Friday May 4th through Sunday May 6th in the Bellevue area. The heavy rain caused considerable ponding of water on several city streets and Highways in the area, and left area golf courses submerged in water which shut them down for several days afterward.</p>				
<b>SALINE COUNTY --- 6.0 SW FRIEND [40.59, -97.36], DE WITT [40.40, -96.92]</b>				
	05/05/07 18:45 CST		0.10M	Flood (due to Heavy Rain)
	05/08/07 12:00 CST		0	Source: Official NWS Observations
<p>Heavy rain over 3 days caused Turkey Creek to flood across much of Saline county. The creek at Wilber crested at 16.44 feet during the morning hours of May 7th, flood stage is 11 feet. The creek at Wilber first crossed flood stage around 745 pm CDT on the 5th and didn't drop below flood stage until a little after noon on the 8th.</p> <p>The Creek flooded across Highway 103 causing its closure near Wilber. Flooding from Turkey Creek and the Big Blue River also caused 100 county road washouts and closed 20 county roads. Flooding of agricultural lowlands also occurred. Flood damage from both Turkey Creek and the Big Blue River was estimated at \$100,000.</p>				
<b>WASHINGTON COUNTY --- ARLINGTON [41.45, -96.37], 3.0 SE ARLINGTON [41.42, -96.33]</b>				
	05/06/07 02:52 CST		0	Flood (due to Heavy Rain)
	05/06/07 13:00 CST		0	Source: Newspaper
<p>Rainfall of 3.5 to 5 inches fell over most of Washington county from Friday into Sunday morning May 6th. This produced widespread flooding of lowlands that lingered into Sunday. Most of the flooding was due to Bell Creek and Rawhide Creek backing up because of high flows in the Elkhorn River, which they both empty into. The flooding affected farmland and several county and city roads and threatened several homes.</p>				
<b>CASS COUNTY --- GREENWOOD [40.97, -96.43], 4.0 NNE GREENWOOD [41.02, -96.40]</b>				
	05/06/07 04:00 CST		0	Flood (due to Heavy Rain)
	05/06/07 19:15 CST		0	Source: Official NWS Observations
<p>Rainfall of 3 to 5 inches fell over much of the Salt Creek basin from Friday May 4th through Sunday May 6th. Lincoln reported nearly 5 inches of rain during this time. The heavy rain caused Salt Creek to flood, mainly from around the Greenwood area downstream to where it merges with the Platte River near Ashland. At Greenwood the creek surpassed its 20 foot flood stage around 5 am CDT on May 6th, reached a 23.8 foot crest at 1130 am and fell below flood stage around 815 pm that day.</p>				
<b>NEMAHA COUNTY --- 3.0 NW BROCK [40.51, -95.99], 2.0 SE NEMAHA [40.31, -95.64]</b>				
	05/06/07 04:15 CST		0	Flood (due to Heavy Rain)
	05/07/07 13:15 CST		0	Source: Official NWS Observations
<p>Rainfall of 3 to 5 inches fell over much of the Little Nemaha River basin from Friday May 4th through Sunday May 6th, with 4.94 inches reported in Auburn. The heavy rain caused the Little Nemaha River to flood over several days with a double crest observed both the 6th and 7th. The river at Auburn first crossed its 22 foot flood stage around 515 am cdt on May 6th, reached its first crest around 23.6 feet around noon that day, fell below flood stage around 5 pm and then moved back over flood stage around 330 am cdt on May 7th. The River at Auburn then reached a second crest, peaking at 23.9 feet around 815 am on May 7th before falling below flood stage for good around 215 pm cdt that afternoon. The flooding closed Highway 136 near Auburn Saturday night May 5th.</p>				
<b>CASS COUNTY --- 2.0 NE PLATTSMOUTH [41.04, -95.87], 14.0 SSE PLATTSMOUTH [40.83, -95.80]</b>				
	05/06/07 04:45 CST		0	Flood (due to Heavy Rain)
	05/08/07 23:15 CST		0	Source: Official NWS Observations
<p>Heavy rainfall over the weekend of May 4th through the 6th caused a prolonged flood along the Missouri River in southeast Nebraska. At Plattsmouth the Missouri River crested just over 30 feet for around 6 hours during the early morning hours of May 7th. Flood stage at Plattsmouth is 26 feet. The river at Plattsmouth first crossed flood stage around 545 am CDT on the 6th and didn't drop below flood stage until a little after midnight CDT on the 9th. The flooding affected mainly agricultural lowlands, but some county roads were closed due to the flood waters as well as a local marina.</p>				
<b>CASS COUNTY --- 7.0 W WEEPING WATER [40.87, -96.26], 4.0 SE UNION [40.78, -95.85]</b>				
	05/06/07 06:30 CST		10K	Flood (due to Heavy Rain)
	05/07/07 10:45 CST		0	Source: Official NWS Observations
<p>Rainfall of 4 to 5 inches fell over much of the Weeping Water Creek basin from Friday May 4th through Sunday May 6th, with 4.88 inches reported in Plattsmouth. The heavy rain caused Weeping Water Creek to flood for two days, with a double crest observed on May 6th and 7th. The creek at Union first crossed its 25 foot flood stage around 730 am CDT on May 6th, reached its first crest of around 26.3 feet just before noon that day, fell below flood stage around 330 pm and then moved back over flood stage around 245 am CDT on May 7th. The creek at Union then reached a second crest, peaking close to 30 feet around 8 am on May 7th before falling back below flood stage for good around 1145 am CDT that morning. Besides flooding farmland, the high water also caused damage to a few county roads.</p>				
<b>GAGE COUNTY --- 7.0 NW BEATRICE [40.34, -96.82], 2.0 SSW BARNESTON [40.02, -96.59]</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/06/07 07:15 CST		0.65M	Flood (due to Heavy Rain)
	05/09/07 06:30 CST		0	Source: Official NWS Observations

Rainfall of 4 to 5 inches fell over much of the Big Blue River basin in Gage county from Friday May 4th through Sunday May 6th, with 4.26 inches reported in Beatrice. The heavy rain caused the Big Blue River to flood with both the gage in Beatrice and near Barneston reporting above flood stage readings for a few days. In Beatrice the Big Blue River reached a 23.9 foot crest around 230 pm CDT on May 7th, flood stage 16 feet. The river first crossed flood stage in Beatrice around 815 am on May 6th and didn't drop below flood stage until 730 am on the 9th.

At Barneston the Big Blue River reached a 24.5 foot crest around 345 pm CDT on May 7th, flood stage is 20 feet. The river near Barneston was above flood stage from around 1000 pm CDT May 6th until 315 am on the 9th.

The river flooded agricultural farmland and county roads in the region. Seven county roads were flooded from Beatrice toward Blue Springs and Wymore. Highway 136 was also closed late May 6th through May 7th around the Beatrice area because of high water that also flooded a park and some streets in town causing around \$135,000 worth of damage to the park and ballfields. Two businesses had to be evacuated in Beatrice. The flood waters also prompted 5000 sandbags to be placed around a historical museum to keep flood waters from damaging historic items. Also a grain elevator near Holmesville, several miles southeast of Beatrice, was also sandbagged to protect from the rising waters. Total damage from the storms that hit Gage county on May 5th and 6th amounted to around \$650,000, most of which was due to flooding.

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### RICHARDSON COUNTY --- 1.0 SE SALEM [40.07, -95.71], 4.0 SE RULO [40.01, -95.38]

05/06/07 07:30 CST	0	Flood (due to Heavy Rain)
05/08/07 04:00 CST	0	Source: Official NWS Observations

Rainfall of 4 to 7 inches fell over the lower sections of the Big Nemaha River basin from Friday May 4th through Sunday May 6th. Falls City reported 7.15 inches during this time. The heavy rain caused the Big Nemaha River to flood, with the river at Falls City reaching a 30.3 foot crest around noon CDT on May 7th. Flood stage is 23 feet. The river at Falls City first crossed flood stage around 830 am on May 6th and didn't drop below flood stage until around 5 am on the 8th. Due to flood waters, an 8 mile stretch of old Highway 7 southeast of Rulo was closed. Flooding was also observed across some agricultural lowlands in the area.

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### SALINE COUNTY --- 4.0 N CRETE [40.69, -96.95], 1.0 NNE DE WITT [40.41, -96.91]

05/06/07 08:00 CST	0.10M	Flood (due to Heavy Rain)
05/07/07 03:30 CST	0	Source: Official NWS Observations

Rainfall of 4 to 6 inches fell over much of the Big Blue River basin in Saline county from Friday May 4th through Sunday May 6th. Wilber reported 6.3 inches and Crete measured 5.9 inches for two of the heaviest. The heavy rain caused the Big Blue River to flood with the gage near Crete reaching a 21.3 foot crest around 3 pm on May 6th. Flood stage is 18 feet. The river near Crete was above flood stage from around 9 am on May 6th until 430 am on the 7th. Due to flooding from the Big Blue River and Turkey Creek, 20 county roads were closed with 100 washouts reported. Agricultural bottomlands were also flooded. Besides washing out newly planted crops, some farm outbuildings and irrigation equipment were damaged by flood waters. Total damage from flooding from both the Big Blue River and Turkey Creek was estimated at \$100,000.

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### SAUNDERS COUNTY --- 2.0 SW ASHLAND [41.03, -96.41], 2.0 E ASHLAND [41.05, -96.34]

05/06/07 08:00 CST	0	Flood (due to Heavy Rain)
05/07/07 09:00 CST	0	Source: Official NWS Observations

Rainfall of 3 to 5 inches fell over much of the Salt Creek basin from Friday May 4th through Sunday May 6th. Lincoln reported nearly 5 inches. The heavy rain caused Salt Creek to flood, mainly from around the Greenwood area downstream to where it merges with the Platte River near Ashland. At Ashland the creek surpassed it's 19 foot flood stage around 9 am cdt on May 6th, reached a 20.2 foot crest at 1130 pm and fell below flood stage around 10 am on the 7th.

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### SAUNDERS COUNTY --- 3.0 NW ITHACA [41.20, -96.59], 1.0 NE ASHLAND [41.06, -96.37]

05/06/07 08:00 CST	0	Flood (due to Heavy Rain)
05/06/07 21:15 CST	0	Source: Official NWS Observations

Rainfall of 3 to 5 inches fell over the lower sections of the Wahoo Creek basin from Friday May 4th through Sunday May 6th. The heavy rain caused Wahoo Creek to flood, mainly from just downstream of Wahoo to where it merges with Salt Creek near Ashland. At Ithaca the creek surpassed it's 19 foot flood stage around 9 am CDT on May 6th, reached a 20.7 foot crest at 5 pm and fell below flood stage around 1015 pm that day. The water flooded several county roads and Highway 66 near Ashland. A baseball field was also flooded.

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### OTOE COUNTY --- 7.0 N NEBRASKA CITY [40.75, -95.85], 12.0 SE NEBRASKA CITY [40.53, -95.69]

05/06/07 08:15 CST	0	Flood (due to Heavy Rain)
05/10/07 13:15 CST	0	Source: Official NWS Observations

Heavy rainfall over the weekend of May 4th through the 6th caused a prolonged flood along the Missouri River in southeast Nebraska. At Nebraska City the Missouri River crested just under 21.5 feet for around 8 hours from late morning until early evening on the 7th. Flood stage at Nebraska City is 18 feet. The river at Nebraska City first crossed flood stage around 915 am cdt on the 6th and didn't drop below flood stage until a little after 200 pm cdt on the 9th. The flooding affected mainly agricultural low lands, but some county roads, including one that led to a local marina, were closed due to the flood waters.

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NEMAHA COUNTY --- 3.0 NE PERU [40.51, -95.69], 10.0 SE BROWNVILLE [40.30, -95.52]</b>				
	05/06/07 08:30 CST		0	Flood (due to Heavy Rain)
	05/13/07 13:00 CST		0	Source: Official NWS Observations
<p>Heavy rainfall over the weekend of May 4th through the 6th caused a prolonged flood along the Missouri River in southeast Nebraska. At Brownville the Missouri River first crossed it's 32 foot flood stage around 930 am CDT on May 6th and didn't drop below flood stage until around 2 pm CDT on May 13th. The river at Brownville crested just under 39 feet from late in the evening on the 8th until mid afternoon on the 9th.</p> <p>The flooding affected mainly agricultural lowlands , but some county roads were closed due to the flood waters. In addition, the Steamboat Trace between Brownville and Peru was closed for an extended length of time due to a levy breach that significantly flooded a section of the trail leaving behind tree and other debris. Several large cottonwood trees were uprooted due to saturated soil and flood waters.</p>				
<b>RICHARDSON COUNTY --- 3.0 NE BARADA [40.25, -95.54], 3.0 SE RULO [40.02, -95.39]</b>				
	05/06/07 09:00 CST		0	Flood (due to Heavy Rain)
	05/14/07 09:00 CST		0	Source: Official NWS Observations
<p>Heavy rainfall over the weekend of May 4th through the 6th caused a prolonged flood along the Missouri River in southeast Nebraska. At Rulo the Missouri River first crossed it's 17 foot flood stage around 1000 am CDT on May 6th and didn't drop below flood stage until around 1000 am CDT on May 14th. The river at Rulo crested around 25 feet for a 10 to 12 hour period from the morning into mid afternoon on the 7th.</p> <p>The flooding affected mainly agricultural lowlands , but some county roads were closed due to the flood waters. In addition, due to high water on the Missouri River, the Highway 136 Bridge across the Missouri River was closed for a while.</p>				
<p><b>Rainfall of 4 to 8 inches fell over much of eastern Nebraska and southwest Iowa over the weekend of May 4th, 5th and 6th, 2007. Besides causing localized flash flooding, the heavy rain also produced areas of prolonged river and creek flooding over the region. Due to the heavy rain and severe weather that accompanied the rain 18 counties in southeast Nebraska were declared a Major Disaster area.</b></p>				
<p>Heavier 96 hour rain amounts ending Monday morning included...</p> <p>Across eastern Nebraska...</p> <p>7.46 inches at Omaha Eppley, 7.15 in Falls City, 6.91 at Bellevue, 5.03 in Syracuse, 4.94 at Auburn, 4.90 in Lincoln, 4.88 at Plattsmouth, 4.55 at Fairbury and 4.39 at the NWS in Valley.</p> <p>Over western Iowa...</p> <p>7.98 inches at Logan, 7.87 in Randolph, 7.52 in Shenandoah, 6.96 at Red Oak, 6.36 at Sidney, 6.32 in Onawa, 6.11 at Clarinda, 6.10 at Harlan and 6.04 at Oakland.</p>				
<b>KNOX COUNTY --- 1.7 WSW VERDEL [42.81, -98.23]</b>				
	05/04/07 16:45 CST		0	Hail (0.88 in)
	05/04/07 16:45 CST		0	Source: Public
<p>A severe thunderstorm that developed on a weak warm front clipped far northwest Knox county. Most of the thunderstorm activity this evening was west or northwest of the region.</p>				
<b>BURT COUNTY --- 0.5 E TEKAMAH [41.78, -96.22], 3.0 SE TEKAMAH [41.75, -96.19]</b>				
	05/05/07 08:35 CST		0	Thunderstorm Wind (MG 65 kt)
	05/05/07 08:45 CST		0	Source: ASOS
<p>The ASOS at the Tekamah airport measured a thunderstorm wind gust of 75 mph. These strong winds downed some large tree limbs southeast of town.</p>				
<b>WASHINGTON COUNTY --- 0.5 E ARLINGTON [41.45, -96.36], 3.0 S ARLINGTON [41.41, -96.37]</b>				
	05/05/07 09:15 CST		20K	Flash Flood (due to Heavy Rain)
	05/05/07 12:15 CST		0	Source: Emergency Manager
<p>Rainfall of around 2.5 inches fell in an hour or two across the area causing flooding of several roads around and south of the Arlington area . In addition...a trap shooting club experienced flooding. Most of the flooding was along Bell Creek and its tributaries.</p>				
<b>PLATTE COUNTY --- 7.0 S ROSENBURG [41.55, -97.79]</b>				
	05/05/07 10:44 CST		0	Hail (1.75 in)
	05/05/07 10:44 CST		0	Source: Public
<p>Reported 4 miles east southeast of St. Edward.</p>				
<b>BOONE COUNTY --- 5.4 NE ALBION [41.75, -97.92]</b>				
	05/05/07 10:55 CST		0	Hail (0.75 in)
	05/05/07 10:55 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MADISON COUNTY --- 2.1 S BATTLE CREEK [41.97, -97.60]</b>				
	05/05/07 10:55 CST		0	Hail (0.88 in)
	05/05/07 10:55 CST		0	Source: Trained Spotter
<b>PIERCE COUNTY --- 2.1 S PIERCE [42.17, -97.53]</b>				
	05/05/07 11:42 CST		0	Hail (0.88 in)
	05/05/07 11:42 CST		0	Source: Trained Spotter
<b>KNOX COUNTY --- 1.0 W CROFTON [42.73, -97.50]</b>				
	05/05/07 12:20 CST		0	Hail (1.00 in)
	05/05/07 12:20 CST		0	Source: COOP Observer
Reported in the Crofton area by the cooperative observer.				
<b>CEDAR COUNTY --- 7.0 NW FORDYCE [42.77, -97.45]</b>				
	05/05/07 12:22 CST		0	Hail (1.00 in)
	05/05/07 12:22 CST		0	Source: Public
<b>BOONE COUNTY --- 2.6 SE CEDAR RAPIDS [41.54, -98.12]</b>				
	05/05/07 13:46 CST		0	Hail (0.75 in)
	05/05/07 13:46 CST		0	Source: Public
<b>BOONE COUNTY --- 3.5 N CEDAR RAPIDS [41.62, -98.15]</b>				
	05/05/07 13:52 CST		0	Hail (0.88 in)
	05/05/07 13:52 CST		0	Source: Emergency Manager
<b>BOONE COUNTY --- 6.2 NE ALBION [41.76, -97.91]</b>				
	05/05/07 14:00 CST		0	Hail (0.88 in)
	05/05/07 14:00 CST		0	Source: Public
<b>KNOX COUNTY --- 3.8 SW CENTER [42.58, -97.92]</b>				
	05/05/07 14:42 CST		0	Thunderstorm Wind (EG 50 kt)
	05/05/07 14:42 CST		0	Source: Public
Thunderstorm winds knocked down tree limbs 4 inches in diameter.				
<b>KNOX COUNTY --- 4.0 NE CENTER [42.66, -97.81], 0.5 SW SANTEE [42.82, -97.83]</b>				
	05/05/07 14:48 CST		10K	Tornado (EF0, L: 11.36 mi , W: 100 yd)
	05/05/07 15:05 CST		0	Source: Law Enforcement
This tornado tracked north through a very rural area with most roads in the area minimum maintenance with limited access. A machine shed was destroyed and a trailer overturned northeast of Center and 6 cattle were killed in the area. But generally any damage was confined to old deserted farm sites along with trees in the area.				
<b>SALINE COUNTY --- 1.6 W TOBIAS [40.42, -97.36]</b>				
	05/05/07 15:49 CST		0	Hail (1.00 in)
	05/05/07 15:49 CST		0	Source: Trained Spotter
<b>PIERCE COUNTY --- 5.0 NW OSMOND [42.42, -97.65]</b>				
	05/05/07 15:55 CST		0	Hail (3.00 in)
	05/05/07 15:55 CST		0	Source: Newspaper
Several large hailstones fell and were photographed by the public northwest of Osmond. One single stone was 3 inches in diameter while a cluster of stones measured 5 inches in diameter. No damage was reported by the hail.				
<b>SALINE COUNTY --- 0.7 S WESTERN [40.39, -97.20]</b>				
	05/05/07 15:58 CST		0	Hail (0.75 in)
	05/05/07 15:58 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SALINE COUNTY --- 2.0 S WESTERN [40.37, -97.20], 3.0 SE DORCHESTER [40.62, -97.08]</b>				
	05/05/07 15:58 CST		0	Tornado (EF1, L: 18.30 mi , W: 400 yd)
	05/05/07 16:28 CST		0	Source: Emergency Manager
This tornado did intermittent damage from 2 miles south of Western to around 3 miles southeast of Dorchester. As the tornado initially touched down south of Western, a camper and machine shed were destroyed and a center pivot overturned. In rural Saline county around 13 miles west of Wilber trees were twisted and uprooted and some building damage was noted and some debris was scattered up to 1/4 mile away from its original location. Farm outbuildings were severely damaged in the Tabor Hall area, which is 5 miles south of Dorchester, and numerous trees were uprooted or destroyed in the area which destroyed or severely damaged 8 headstones and monuments in a nearby cemetery. The final damage area was around 3 miles southeast of Dorchester where several pig feeders and livestock huts were destroyed and the roof of a farm outbuilding was removed and a barn destroyed.				
<b>SALINE COUNTY --- 11.0 W WILBER [40.48, -97.16]</b>				
	05/05/07 16:07 CST		0	Hail (0.88 in)
	05/05/07 16:07 CST		0	Source: Emergency Manager
<b>KNOX COUNTY --- 1.5 W WAUSA [42.50, -97.56]</b>				
	05/05/07 16:10 CST		0	Hail (1.75 in)
	05/05/07 16:10 CST		0	Source: Law Enforcement
<b>SALINE COUNTY --- 11.0 W WILBER [40.48, -97.16]</b>				
	05/05/07 16:11 CST		0	Hail (1.00 in)
	05/05/07 16:11 CST		0	Source: Trained Spotter
<b>SALINE COUNTY --- 4.9 S DORCHESTER [40.58, -97.11]</b>				
	05/05/07 16:11 CST		0	Hail (0.75 in)
	05/05/07 16:11 CST		0	Source: Trained Spotter
<b>KNOX COUNTY --- 3.5 W BLOOMFIELD [42.60, -97.70], 4.0 WNW BLOOMFIELD [42.62, -97.70]</b>				
	05/05/07 16:15 CST		0	Tornado (EF0, L: 1.54 mi , W: 200 yd)
	05/05/07 16:20 CST		0	Source: NWS Storm Survey
Trees and two or three large power line support structures were damaged in the area and a center pivot was flipped by a tornado that caused damage in about a 200 yard wide path.				
<b>KNOX COUNTY --- 2.0 WNW WAUSA [42.51, -97.57], 4.0 NNW WAUSA [42.55, -97.56]</b>				
	05/05/07 16:17 CST		0	Tornado (EF0, L: 2.95 mi , W: 100 yd)
	05/05/07 16:22 CST		0	Source: NWS Storm Survey
This weak tornado remained mostly in open country and only caused some tree damage before lifting.				
<b>KNOX COUNTY --- 5.0 SSW CROFTON [42.66, -97.50]</b>				
	05/05/07 16:18 CST		0	Hail (1.00 in)
	05/05/07 16:18 CST		0	Source: COOP Observer
<b>KNOX COUNTY --- 1.5 SE BLOOMFIELD [42.58, -97.61], 4.5 NNE BLOOMFIELD [42.66, -97.60]</b>				
	05/05/07 16:24 CST		0	Tornado (EF0, L: 5.26 mi , W: 150 yd)
	05/05/07 16:30 CST		0	Source: NWS Storm Survey
The tornado initially touched down about 1.5 miles southeast of Bloomfield where it flipped a center pivot. Tree and outbuilding damage was noted for several miles north of that point, including a few dead livestock. The damage path became less clear north of town, but some minor debris was noted until about 4 miles north of town.				
<b>KNOX COUNTY --- 1.0 W BLOOMFIELD [42.60, -97.65]</b>				
	05/05/07 16:27 CST		0	Hail (4.25 in)
	05/05/07 16:27 CST		0	Source: COOP Observer
Mainly between golfball size and 3.25 inches in diameter, but a few up to softball size. The hail was very jagged and fell from the supercell that produced several nearby tornadoes. A Sheriff Department's cruiser was damaged from the hail and there were reports of cattle seriously injured in the area.				
<b>KNOX COUNTY --- 3.8 NE BLOOMFIELD [42.64, -97.58], 3.0 NW CROFTON [42.76, -97.52]</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/07 16:28 CST		0	Tornado (EF1, L: 8.93 mi , W: 440 yd)
	05/05/07 16:45 CST		0	Source: Emergency Manager

The tornado damaged the roof of a hog confinement when it initially touched down. The tornado continued northward damaging trees, buildings and power lines. At least one center pivot was damaged along with some home damage. The worst damage appeared to be 3 miles west of Crofton near where it crossed Highway 12. This tornado ended just about a mile west where another tornado started producing damage. In fact, two tornadoes were on the ground at the same time from this supercell, along with a possible landspout or weak tornado to the northeast.

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### SALINE COUNTY --- 3.0 W CRETE [40.63, -97.01]

05/05/07 16:28 CST	0	Hail (1.00 in)
05/05/07 16:28 CST	0	Source: Emergency Manager

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### KNOX COUNTY --- 2.5 NW CROFTON [42.76, -97.51], 8.0 NW CROFTON [42.81, -97.59]

05/05/07 16:43 CST	1M	Tornado (EF2, L: 5.50 mi , W: 500 yd)
05/05/07 16:51 CST	3	Source: NWS Storm Survey

A grain bin was damaged as this tornado initially touched down along with two or three large power line support structures northwest of Crofton. The tornado tracked toward Lewis and Clark Lake taking the roof off of a house and destroying a garage. The tornado also caused other roof damage as it continued tracking toward Lewis and Clark Lake. When it reached the lake it caused significant damage to a recreation area and marina. The tornado also caused 3 minor injuries when it apparently lifted a large SUV off the ground and carried it a hundred feet or so before setting it down with the windows blown in. Numerous campers and boats were flipped or missing at the recreation area, along with vehicle damage. About \$1 million in damage was estimated to have occurred at the recreation area. Many trees were also toppled. This tornado and others in Knox county downed 30 to 40 power poles. A Storage building in the area was also severely damaged. This tornado started as one tornado to the southwest was lifting and a weaker one to the northeast was forming. There were several reports by the public of multiple tornadoes in the area, either from the three tornadoes mentioned here, or from multiple vortexes within this tornado. The tornado crossed Lewis and Clark Lake and did f1 damage in South Dakota.

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### KNOX COUNTY --- 4.0 NNW CROFTON [42.78, -97.51], 7.5 NNW CROFTON [42.83, -97.54]

05/05/07 16:45 CST	0	Tornado (EF0, L: 3.50 mi , W: 100 yd)
05/05/07 16:50 CST	0	Source: NWS Storm Survey

This weak tornado apparently touched down just as one tornado to the southwest was lifting and another stronger one, also to the southwest, was just forming along with this one. The 3 tornadoes were caught on video by the public. This tornado did some tree damage and flipped one camper before lifting over Lewis and Clark Lake.

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### LANCASTER COUNTY --- 0.9 NW DENTON [40.74, -96.84]

05/05/07 16:45 CST	0	Hail (1.25 in)
05/05/07 16:45 CST	0	Source: Emergency Manager

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### LANCASTER COUNTY --- 1.3 WNW MALCOLM [40.91, -96.87]

05/05/07 16:50 CST	0	Hail (1.25 in)
05/05/07 16:50 CST	0	Source: Emergency Manager

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### LANCASTER COUNTY --- 0.9 NW RAYMOND [40.96, -96.78]

05/05/07 16:55 CST	0	Hail (1.25 in)
05/05/07 16:55 CST	0	Source: Emergency Manager

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### SALINE COUNTY --- DORCHESTER [40.65, -97.12], CRETE [40.63, -96.95]

05/05/07 17:05 CST	50K	Flash Flood (due to Heavy Rain)
05/05/07 20:05 CST	0	Source: Emergency Manager

Rainfall of 2 to 4 inches in a several hour period produced flash flooding in the streets of Dorchester and Crete. In the Crete area several cars were flooded up door level and some roads were damaged by flood waters. Several basements were also flooded.

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### LANCASTER COUNTY --- 2.0 S MALCOLM [40.87, -96.85], FIRTH [40.53, -96.60]

05/05/07 17:17 CST	0.50M	Flash Flood (due to Heavy Rain)
05/05/07 19:30 CST	0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rain caused flash flooding from south of Malcolm into the Lincoln area and then south to Firth. Rainfall of 2 to 4 inches was reported during the afternoon, which was on top of an inch or two that fell that morning. Lincoln picked up 3.35 inches for the day, with heavier unofficial amounts reported across the city. The flooding closed several county roads near Malcolm and Wilderness Park and several blocks of Old Cheney Road near the Highway 77 bypass was closed. The flooding also caused scattered damage to homes and vehicles across the city. At least 3 cars were stuck in flood waters in the Highlands area, with street flooding as high as car windows. Flooded vehicles were also reported on O Street in the downtown area and some damage to houses was observed by flooding near the 48th and Saint Paul area.				
Flooding was also observed along a 3 block stretch of Nemaha Street in Firth with some basement flooding and basement wall collapses reported.				
<hr/>				
<b>SAUNDERS COUNTY --- WAHOO [41.22, -96.62]</b>				
	05/05/07 17:49 CST		0.20M	Flash Flood (due to Heavy Rain)
	05/05/07 19:49 CST		0	Source: Law Enforcement
Heavy rain caused flash flooding of a ballfield and railroad tracks near town. Some county bridges also experienced minor washouts. Rainfall amounts were 2 to 4 inches this day.				
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<b>SAUNDERS COUNTY --- 0.9 SE WESTON [41.19, -96.74]</b>				
	05/05/07 18:00 CST		0	Hail (0.75 in)
	05/05/07 18:00 CST		0	Source: Law Enforcement
<hr/>				
<b>SAUNDERS COUNTY --- 1.6 E CEDAR BLUFFS [41.40, -96.59]</b>				
	05/05/07 18:23 CST		0	Hail (0.88 in)
	05/05/07 18:23 CST		0	Source: Trained Spotter
<hr/>				
<b>DODGE COUNTY --- 0.9 SE FREMONT [41.44, -96.49], 1.0 N FREMONT [41.46, -96.50]</b>				
	05/05/07 18:30 CST		0	Hail (1.00 in)
	05/05/07 18:37 CST		0	Source: NWS Employee
Hail up to 1 inch in diameter was reported in the Fremont area.				
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<b>SAUNDERS COUNTY --- 3.0 E MALMO [41.27, -96.67]</b>				
	05/05/07 18:40 CST		0	Hail (1.00 in)
	05/05/07 18:40 CST		0	Source: COOP Observer
<hr/>				
<b>BURT COUNTY --- 0.5 E TEKAMAH [41.78, -96.22]</b>				
	05/05/07 19:03 CST		0	Hail (0.75 in)
	05/05/07 19:03 CST		0	Source: Law Enforcement
<hr/>				
<b>BURT COUNTY --- 2.1 NNE TEKAMAH [41.81, -96.22]</b>				
	05/05/07 19:30 CST		1K	Flash Flood (due to Heavy Rain)
	05/05/07 20:45 CST		0	Source: Law Enforcement
Heavy rain caused flash flooding across Highway 75 near Tekamah briefly closing it.				
<hr/>				
<b>BOONE COUNTY --- 0.5 E ST EDWARD [41.57, -97.86]</b>				
	05/05/07 20:55 CST		0	Hail (2.75 in)
	05/05/07 20:55 CST		0	Source: Emergency Manager
<hr/>				
<b>BOONE COUNTY --- 7.0 SW PETERSBURG [41.78, -98.18], 6.5 SW PETERSBURG [41.78, -98.17]</b>				
	05/05/07 21:15 CST		0	Tornado (EF0, L: 0.50 mi , W: 100 yd)
	05/05/07 21:18 CST		0	Source: Emergency Manager
A brief touchdown of a tornado crossed a county road 4 miles west of Loretto or about 7 miles southwest of Petersburg. The tornado knocked down a line of trees before lifting.				
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<b>OTOE COUNTY --- 0.9 NE NEBRASKA CITY ARPT [40.68, -95.86]</b>				
	05/05/07 21:18 CST		0	Hail (1.00 in)
	05/05/07 21:18 CST		0	Source: Law Enforcement
<hr/>				
<b>OTOE COUNTY --- 6.0 S NEBRASKA CITY [40.56, -95.85]</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/07 22:10 CST		0	Hail (1.00 in)
	05/05/07 22:10 CST		0	Source: Law Enforcement
<hr/>				
(NE-Z042) PLATTE				
	05/05/07 22:10 CST		0	High Wind (MAX 56 kt)
	05/05/07 22:20 CST		0	
<hr/>				
SARPY COUNTY --- 0.9 SE PAPILLION [41.16, -96.04]				
	05/05/07 22:25 CST		0	Hail (0.88 in)
	05/05/07 22:25 CST		0	Source: Broadcast Media
<hr/>				
DOUGLAS COUNTY --- 0.9 SW OMAHA [41.26, -96.01]				
	05/05/07 22:28 CST		0	Hail (1.00 in)
	05/05/07 22:28 CST		0	Source: Trained Spotter
Reported near Interstate 80 and 84th Street.				
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DODGE COUNTY --- HOOPER [41.62, -96.55]				
	05/05/07 23:30 CST		0	Thunderstorm Wind (EG 55 kt)
	05/05/07 23:30 CST		0	Source: NWS Employee
Thunderstorm wind gusts estimated at over 60 mph tore the roof off of a fitness center and caused tree damage near Hooper.				
<hr/>				
BURT COUNTY --- 3.0 NE TEKAMAH [41.81, -96.19]				
	05/06/07 00:14 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/07 00:14 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at 60 mph blew out some windows across the eastern section of Burt county according to the Burt County Plaindealer newspaper. The time was estimated through examination of archived radar data.				
<hr/>				
JEFFERSON COUNTY --- 0.9 NW DILLER [40.11, -96.94]				
	05/06/07 00:30 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/07 00:30 CST		0	Source: Emergency Manager
Emergency management estimated thunderstorm wind gusts of around 60 mph near Diller.				
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JEFFERSON COUNTY --- 0.9 NW DILLER [40.11, -96.94]				
	05/06/07 00:50 CST		75K	Flash Flood (due to Heavy Rain)
	05/06/07 04:50 CST		0	Source: Emergency Manager
Rainfall of 4 to 6 inches produced flash flooding across parts of Jefferson county during the early morning hours of May 6th, 2007. One area of flooding was noted along Highway 103 near Diller where water was flowing across the road. At least 1 county road bridge and a number of culverts were washed out in the area.				
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WASHINGTON COUNTY --- ARLINGTON [41.45, -96.37], 2.0 S ARLINGTON [41.42, -96.37]				
	05/06/07 00:52 CST		20K	Flash Flood (due to Heavy Rain)
	05/06/07 02:52 CST		0	Source: Trained Spotter
A second round of heavy rain moved over Washington county during the evening and overnight hours of May 5th and 6th. Storm totals were over 4 inches across most of the county. The heavy rain caused flooding along Bell Creek again near Arlington. The flooding affected several county roads in the area and also reached the door of several houses. Otherwise the flooding affected mainly farmland, along with a trap shooting club.				
A warm front that was along the Kansas and Nebraska border early Saturday morning May 5th, lifted north during the day bringing widespread heavy rain and severe weather, including tornadoes, to eastern Nebraska and southwest Iowa. The warm front was part of a large upper level system that brought several days of severe weather and flooding to the region.				
Heavy rain and flooding was reported with some of the activity Saturday morning, along with isolated severe thunderstorm reports. However, during the afternoon the severe weather became more widespread over northeast Nebraska where supercells spawned several tornadoes. At this time, thunderstorms, some severe with heavy rain, produced flash flooding over parts of southeast Nebraska. By evening the severe weather, including supercell producing tornadoes, shifted into southwest Iowa, although isolated severe thunderstorms persisted over parts of eastern Nebraska until after midnight cdt.				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Tree damage near near Bloomfield. Photo by Bryon Miller, NWS Omaha/Valley.*

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### JEFFERSON COUNTY --- 0.7 N STEELE CITY [40.04, -97.02], 5.0 NE STEELE CITY [40.08, -96.95]

05/06/07 18:50 CST	0	Thunderstorm Wind (EG 70 kt)
05/06/07 19:11 CST	0	Source: Emergency Manager

A downburst that initially spun up a weak tornado in Steele City spread from that town northeast toward Diller . The damage path of the downburst was about a mile wide with sporadic damage for about 5 miles. Winds were estimated at around 80 mph. Trees and farm outbuildings were damaged.

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### JEFFERSON COUNTY --- STEELE CITY [40.03, -97.02], 1.0 NE STEELE CITY [40.04, -97.01]

05/06/07 18:50 CST	0	Tornado (EF0, L: 1.00 mi , W: 300 yd)
05/06/07 18:53 CST	0	Source: NWS Storm Survey

Embedded in a downburst, a more concentrated area of damage with a convergent signature signalled a tornado tracked about 1 mile through Steele City. The tornado caused structural damage to roofs and windows. In addition, a portion of the roof of the town hall was torn off and a few trees uprooted . Some twisting of trees was noted just northeast of town as the tornado lifted.

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### JEFFERSON COUNTY --- 0.7 N STEELE CITY [40.04, -97.02], 1.0 SW STEELE CITY [40.02, -97.03]

05/06/07 19:05 CST	0	Hail (0.88 in)
05/06/07 19:11 CST	0	Source: Emergency Manager

Hail up to nickel size fell around the Steele City area for several minutes.

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>JEFFERSON COUNTY --- 0.9 NW DILLER [40.11, -96.94]</b>				
	05/06/07 19:18 CST		0	Hail (0.88 in)
	05/06/07 19:18 CST		0	Source: Fire Department/Rescue
<b>GAGE COUNTY --- 6.0 SW BEATRICE [40.21, -96.81]</b>				
	05/06/07 19:31 CST		0	Hail (0.75 in)
	05/06/07 19:31 CST		0	Source: Public
Accompanied by winds around 60 mph.				
<b>GAGE COUNTY --- 6.0 SW BEATRICE [40.21, -96.81]</b>				
	05/06/07 19:31 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/06/07 19:31 CST		0	Source: Public
Thunderstorm winds estimated at 60 mph destroyed a machine shed south of Beatrice.				
<b>GAGE COUNTY --- 3.0 SSW BEATRICE [40.23, -96.75]</b>				
	05/06/07 19:41 CST		0	Thunderstorm Wind (EG 61 kt)
	05/06/07 19:41 CST		0	Source: Emergency Manager
Winds of 60 to 70 mph were estimated by emergency management south of Beatrice.				
<b>GAGE COUNTY --- 1.1 W BEATRICE [40.27, -96.75]</b>				
	05/06/07 19:45 CST		0	Hail (0.88 in)
	05/06/07 19:45 CST		0	Source: Law Enforcement
<b>SALINE COUNTY --- 0.5 W WILBER [40.48, -96.96]</b>				
	05/06/07 19:45 CST		5K	Flash Flood (due to Heavy Rain)
	05/06/07 20:45 CST		0	Source: Emergency Manager
Rainfall of another inch or two produced flash flooding of streets in the Wilber area. The rainfall was on top of the 2 to 4 inches which fell the previous day.				
<b>JEFFERSON COUNTY --- FAIRBURY [40.15, -97.17], 2.0 NW DILLER [40.12, -96.96]</b>				
	05/06/07 19:50 CST		5K	Flash Flood (due to Heavy Rain)
	05/06/07 21:30 CST		0	Source: Law Enforcement
Heavy rainfall of an inch or so in an hour or less produced flash flooding of a few streets in Fairbury. In addition, heavy rain caused flash flooding along portions of Indian Creek near Diller according to Jefferson county Emergency Management. A few county roads were closed due to the flood waters.				
<b>JOHNSON COUNTY --- 2.1 SE CRAB ORCHARD [40.31, -96.39]</b>				
	05/06/07 20:14 CST		0	Hail (0.75 in)
	05/06/07 20:14 CST		0	Source: Public
<b>GAGE COUNTY --- 5.1 NE FILLEY [40.33, -96.46]</b>				
	05/06/07 20:15 CST		5K	Flash Flood (due to Heavy Rain)
	05/06/07 21:30 CST		0	Source: Law Enforcement
Heavy rainfall of an inch or two produced flash flooding across county roads near Highway 136 between Filley and Crab Orchard.				
<b>GAGE COUNTY --- 1.1 W BEATRICE [40.27, -96.75]</b>				
	05/06/07 20:20 CST		0	Flash Flood (due to Heavy Rain)
	05/06/07 21:20 CST		0	Source: Law Enforcement
Heavy rainfall of an inch or two in an hour or so produced extensive street flooding in Beatrice.				
<b>JOHNSON COUNTY --- 4.0 SW COOK [40.48, -96.22]</b>				
	05/06/07 20:25 CST		0	Thunderstorm Wind (EG 55 kt)
	05/06/07 20:25 CST		0	Source: Newspaper

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Thunderstorm wind gusts estimated at over 60 mph uprooted an oak tree southwest of Cook.				
<b>RICHARDSON COUNTY --- 3.0 W HUMBOLDT [40.17, -95.99]</b>				
	05/06/07 20:25 CST		0	Thunderstorm Wind (EG 70 kt)
	05/06/07 20:25 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at around 80 mph destroyed a hay barn and cattle shed west of Humboldt along with causing some tree damage.				
<b>NEMAHA COUNTY --- 4.0 SE AUBURN [40.36, -95.78]</b>				
	05/06/07 20:35 CST		15K	Thunderstorm Wind (EG 70 kt)
	05/06/07 20:35 CST		0	Source: COOP Observer
Thunderstorm winds estimated at 60 to 80 mph damaged a hog building and destroyed a 100 by 60 foot machine shed southeast of Auburn.				
<b>LANCASTER COUNTY --- FIRTH [40.53, -96.60]</b>				
	05/06/07 20:45 CST		10K	Flash Flood (due to Heavy Rain)
	05/06/07 22:00 CST		0	Source: Law Enforcement
Heavy rainfall of an inch or two produced flash flooding which blocked some county roads near Firth.				
<b>OTOE COUNTY --- TALMAGE [40.52, -96.02], LORTON [40.57, -96.02]</b>				
	05/06/07 21:00 CST		10K	Flash Flood (due to Heavy Rain)
	05/06/07 22:15 CST		0	Source: Law Enforcement
Heavy rainfall of 1 to 3 inches produced flash flooding which briefly crossed some county roads near Talmage and Lorton including Highways 128 and 67. The flooding also caused the temporary loss of telephone service in Talmage due to a washout.				
<b>JOHNSON COUNTY --- 5.0 N TECUMSEH [40.44, -96.18], 2.0 NW STERLING [40.49, -96.40]</b>				
	05/06/07 21:30 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/06/07 22:30 CST		0	Source: Newspaper
Flash flooding washed out a county road bridge northwest of Sterling according to Emergency Management. A few county roads were also flooded in the area.				
<b>A large upper level disturbance over the Rocky Mountains combined with a nearly stationary front over southeast Nebraska brought strong to severe thunderstorms to parts of the area for the second night in a row. This time the stronger storms were generally confined to southeast Nebraska where a multicell cluster of storms bowed out across southeast Nebraska. The storms did produce at least one weak tornado.</b>				
<b>WASHINGTON COUNTY --- 7.0 SW HERMAN [41.60, -96.60]</b>				
	05/14/07 15:45 CST		0	Hail (0.75 in)
	05/14/07 15:45 CST		0	Source: Public
<b>SEWARD COUNTY --- 13.0 WSW SEWARD [40.83, -97.33]</b>				
	05/14/07 17:40 CST		0	Thunderstorm Wind (EG 61 kt)
	05/14/07 17:40 CST		0	Source: Law Enforcement
Thunderstorm winds estimated at around 70 mph caused a semi truck to overturn on Interstate 80 near exit 366.				
<b>SEWARD COUNTY --- GOEHNER [40.83, -97.22]</b>				
	05/14/07 17:50 CST		0	Hail (1.75 in)
	05/14/07 17:50 CST		0	Source: Fire Department/Rescue
<b>SEWARD COUNTY --- TAMORA [40.88, -97.22]</b>				
	05/14/07 17:53 CST		0	Hail (1.75 in)
	05/14/07 17:53 CST		0	Source: Law Enforcement
<b>SEWARD COUNTY --- SEWARD [40.90, -97.10]</b>				
	05/14/07 18:05 CST		0	Hail (0.88 in)
	05/14/07 18:05 CST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LANCASTER COUNTY --- MALCOLM [40.90, -96.85]</b>				
	05/14/07 18:21 CST		0	Hail (1.75 in)
	05/14/07 18:21 CST		0	Source: Amateur Radio
<b>SEWARD COUNTY --- GARLAND [40.95, -96.98]</b>				
	05/14/07 18:29 CST		0	Hail (1.00 in)
	05/14/07 18:29 CST		0	Source: Emergency Manager
<b>LANCASTER COUNTY --- 2.0 N RAYMOND [40.98, -96.77], 5.0 NNE RAYMOND [41.02, -96.73]</b>				
	05/14/07 18:51 CST		0	Hail (0.75 in)
	05/14/07 18:51 CST		0	Source: Amateur Radio
Hail around 3/4 of an inch in diameter was reported north through northeast of the Raymond area.				
<b>LANCASTER COUNTY --- WAVERLY [40.92, -96.52]</b>				
	05/14/07 19:10 CST		0	Hail (0.88 in)
	05/14/07 19:10 CST		0	Source: Trained Spotter
Hail up to nickel size fell in the Waverly area.				
<b>JEFFERSON COUNTY --- FAIRBURY [40.15, -97.17]</b>				
	05/14/07 19:51 CST		0	Hail (0.75 in)
	05/14/07 19:51 CST		0	Source: Emergency Manager
Brief pea to dime size hail was reported in Fairbury.				
<b>Severe thunderstorms developed along and behind a cold front that moved across eastern Nebraska during the late afternoon and evening hours of May 14th. Most of the severe thunderstorm activity was confined to southeast Nebraska, as the storms weakened as they moved northeast across east central Nebraska and into western Iowa.</b>				
<b>JEFFERSON COUNTY --- POWELL [40.22, -97.28], 2.0 SE STEELE CITY [40.01, -96.99]</b>				
	05/15/07 08:00 CST		0	Flood (due to Heavy Rain)
	05/15/07 18:30 CST		0	Source: Official NWS Observations
Rainfall of 2 to 3 inches fell over parts of the Little Blue River basin on May 14th causing the river to flood on the 15th. A little over 2 1/2 inches was reported 7 miles northwest of Fairbury. The Little Blue River at Fairbury climbed to around 16 feet at 215 pm cdt on May 15th, flood stage is 15 feet. The river was above flood stage from around 9 am until 730 pm that day.				
<b>Severe thunderstorms developed along and behind a cold front that moved across eastern Nebraska during the late afternoon and evening hours of May 14th. The storms also produced rainfall of 2 to 3 inches over parts of the region which caused flooding along the Little Blue River the next day.</b>				
<b>PLATTE COUNTY --- 3.0 NE COLUMBUS [41.46, -97.33]</b>				
	05/22/07 23:45 CST		15K	Thunderstorm Wind (EG 50 kt)
	05/22/07 23:45 CST		0	Source: Emergency Manager
Thunderstorm wind gusts estimated at close to 60 mph caused significant damage to an abandoned trailer and did some tree and sign damage for about 1 mile long and 1 block wide on the northeast side of town.				
<b>Thunderstorms that developed ahead of a cold front in western Nebraska moved across eastern Nebraska during the late evening and overnight hours on May 22nd and May 23rd. Although most of the storms by the time they reached eastern Nebraska were not severe, an isolated thunderstorm did produce wind damage just northeast of Columbus.</b>				
<b>RICHARDSON COUNTY --- FALLS CITY [40.07, -95.60]</b>				
	05/23/07 16:55 CST		0	Hail (0.75 in)
	05/23/07 16:55 CST		0	Source: Public
<b>OTOE COUNTY --- PALMYRA [40.70, -96.38], 2.0 E PALMYRA [40.70, -96.34]</b>				
	05/23/07 18:00 CST		0	Hail (1.75 in)
	05/23/07 18:11 CST		0	Source: Fire Department/Rescue

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail fell for around 10 minutes from Palmyra to a few miles east of town. The hail covered the ground and was as large as golfball size. Some crop damage was noted in the area.				
<b>CASS COUNTY --- 3.0 W AVOCA [40.65, -96.19]</b>				
	05/23/07 18:28 CST		0	Hail (0.88 in)
	05/23/07 18:28 CST		0	Source: Public
<b>Severe thunderstorms developed along a cold front over southeast Nebraska and southwest Iowa. The severe reports generally consisted of large hail.</b>				
<b>RICHARDSON COUNTY --- HUMBOLDT [40.17, -95.93], 8.0 SE FALLS CITY [39.99, -95.49]</b>				
	05/24/07 11:00 CST		0	Flood (due to Heavy Rain)
	05/25/07 11:30 CST		0	Source: Official NWS Observations
Rainfall of 2 to 3 inches fell over the lower reaches of the Big Nemaha River and adjacent sections of southwest Iowa. Falls city reported a 24 hour total of 3.01 inches ending at 7 am CDT Thursday May 24th. The heavy rain caused the Big Nemaha River and the Missouri River to flood in Richardson county. The Big Nemaha near Falls City reached a crest of 25.8 feet at 315 pm CDT on 5/24, flood stage is 23 feet. The river at Falls City was above flood stage from noon on the 24th until 4 am on the 25th. The flooding covered about 300 feet of a gravel road that links the town of Preston to US Highway 159 for a few hours.				
At Rulo the Missouri River reached around 18 feet at 300 am CDT on May 25th, flood stage is 17 feet. The Missouri River at Rulo was above flood stage from 5 pm May 24th until a little after noon on the 25th.				
A few county roads and lowland farms near the rivers were flooded.				
<b>Rainfall of 2 to 4 inches fell over a large part of far southeast Nebraska and southwest Iowa on May 23rd and May 24th. This produced areas of river flooding for the second time in May 2007.</b>				
<b>BOONE COUNTY --- BOONE [41.63, -97.93], ST EDWARD [41.57, -97.87]</b>				
	05/30/07 00:30 CST		0	Flood (due to Heavy Rain)
	05/30/07 15:30 CST		0	Source: Law Enforcement
Unofficial rainfall of 5 inches fell over parts of Boone county, especially around the St Edward area. The heavy rain flooded some basements in St Edward and also caused Beaver Creek to flood county roads and even Highway 39 near town. Some of the flood waters spilled onto sections of downtown St Edward, reportedly for the first time since the mid 1980s.				
<b>MADISON COUNTY --- 6.0 SW BATTLE CREEK [41.94, -97.68], BATTLE CREEK [42.00, -97.60]</b>				
	05/30/07 00:30 CST		0.50M	Flood (due to Heavy Rain)
	05/31/07 07:15 CST		0	Source: Law Enforcement
Rainfall of 2 to 4 inches fell across much of Madison county. The heavy rain caused Battle Creek to flood low areas around the Battle Creek area, including Highway 121 near town causing its closure. The creek also flooded the water treatment plant and prompted sandbagging around town, with up to 10,000 bags used. At least 400 homes received some sort of flood damage. The flooding also left debris in several county bridges.				
<b>PLATTE COUNTY --- LINDSAY [41.70, -97.70], 2.0 NE (OLU)COLUMBUS ARPT [41.47, -97.30]</b>				
	05/30/07 00:30 CST		0	Flood (due to Heavy Rain)
	05/31/07 23:59 CST		0	Source: Law Enforcement
Rainfall of 2 to 3 inches fell across northern and western Platte county. The heavy rain caused Shell Creek to flood county roads from Lindsay to Platte Center to just northeast of Columbus. Some bridge damage was noted near Lindsay, with road damage reported from Lindsay to near Platte Center. A few homes around the Lindsay area had to be sandbagged. The swollen Shell Creek caused 3 to 4 inches of water to flow across Highway 81 south of Platte Center for a while Thursday May 30th. The flooding continued through midday June 1st.				
<b>PLATTE COUNTY --- 5.0 SW MONROE [41.43, -97.69], 2.0 W COLUMBUS [41.43, -97.41]</b>				
	05/30/07 11:00 CST		0	Flood (due to Heavy Rain)
	05/31/07 09:00 CST		0	Source: Law Enforcement
Rainfall of 2 to 3 inches fell across western Platte county with heavier amounts farther west on Tuesday and Tuesday night May 29th and May 30th. The heavy rain caused the Loup River to flood some low farmland and county roads from southwest of Monroe to west of Columbus.				
<b>Heavy rain fell across large parts of Boone, Madison and western Platte counties Tuesday and Tuesday night May 29th and May 30th.</b>				
<b>Rainfall of 2 to 3 inches was common across this area, with unofficial reports of over 5 inches near St Edward. The rain was the result of a large upper level low pressure system that moved from the northern Rockies onto the northern Plains.</b>				
<b>SALINE COUNTY --- WILBER [40.48, -96.95]</b>				

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/31/07 13:57 CST		0	Hail (0.75 in)
	05/31/07 13:57 CST		0	Source: Law Enforcement
<hr/>				
<b>LANCASTER COUNTY --- 5.0 SW LINCOLN [40.75, -96.74]</b>				
	05/31/07 14:35 CST		0	Hail (0.75 in)
	05/31/07 14:35 CST		0	Source: Emergency Manager
<hr/>				
Reported in the Emerald area.				
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<b>LANCASTER COUNTY --- 1.4 N DAVEY [41.00, -96.67]</b>				
	05/31/07 15:05 CST		0	Hail (0.88 in)
	05/31/07 15:05 CST		0	Source: Trained Spotter
<hr/>				
<b>SEWARD COUNTY --- 3.0 E MILFORD [40.77, -96.99]</b>				
	05/31/07 15:05 CST		0	Hail (0.88 in)
	05/31/07 15:05 CST		0	Source: Fire Department/Rescue
<hr/>				
<b>SAUNDERS COUNTY --- 6.0 E CERESCO [41.05, -96.53]</b>				
	05/31/07 15:10 CST		0	Hail (0.88 in)
	05/31/07 15:10 CST		0	Source: Public
<hr/>				
<b>DOUGLAS COUNTY --- ELKHORN [41.28, -96.23]</b>				
	05/31/07 15:47 CST		0	Hail (1.00 in)
	05/31/07 15:47 CST		0	Source: Broadcast Media
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Hail up to 1 inch in diameter was reported in sections of the Elkhorn area.				
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<b>WASHINGTON COUNTY --- 2.0 S KENNARD [41.44, -96.20]</b>				
	05/31/07 16:06 CST		0	Hail (0.75 in)
	05/31/07 16:06 CST		0	Source: Trained Spotter
<hr/>				
<b>JEFFERSON COUNTY --- 1.7 SW FAIRBURY [40.13, -97.19], FAIRBURY [40.15, -97.17]</b>				
	05/31/07 17:32 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/07 17:40 CST		0	Source: Emergency Manager

Thunderstorm wind gusts measured at 59 mph spread into the Fairbury area from a long-lived supercell thunderstorm that had a history of producing wind damage and large hail along the Kansas and Nebraska border west of the county. Although the storm was weakening some as it moved into Jefferson county, it was still strong enough to produce the above mentioned wind gust which downed several large trees in Fairbury and did some other tree damage in the area.

**A closed upper low pressure system over the Dakotas combined with a band of moisture and instability over eastern Nebraska and southwest Iowa to produce several severe thunderstorms. The storms mainly produced marginally severe size hail, but isolated wind damage was noted.**